IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hargreaves et al.

Application No.: 10/682,637

Filed: October 8, 2003

Title: MRI GRADIENT WAVEFORM DESIGN USING CONVEX OPTIMIZATION

Attorney Docket No.: STFUP091/S03-034

Examiner: VARGAS, DIXOMARA

Group: 2859

DECLARATION UNDER 37 CFR § 1.132

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, Dwight G. Nishimura, declare as follows:

1. I am employed by Stanford University as Professor, Electrical Engineering.

2. I co-authored a paper titled "*Time-Optimal Multidimensional Gradient Waveform Design for Rapid Imaging*," (2004), Magnetic Resonance in Medicine 51, pages 81-92 along with Brian A. Hargreaves and Steven M. Conolly.

3. I am advised that Drs. Hargreaves and Conolly have filed the above-identified patent application disclosing and claiming a MRI method that uses a MRI gradient waveform design using a convex optimization which is disclosed in the above-identified paper.

4. I disclaim any inventorship in the MRI method that uses a MRI gradient waveform design using a convex optimization sequence as disclosed in the paper.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true.

June 21, 2007
date

Dwight G. Nishimura